

FIG-2

10091659-030502

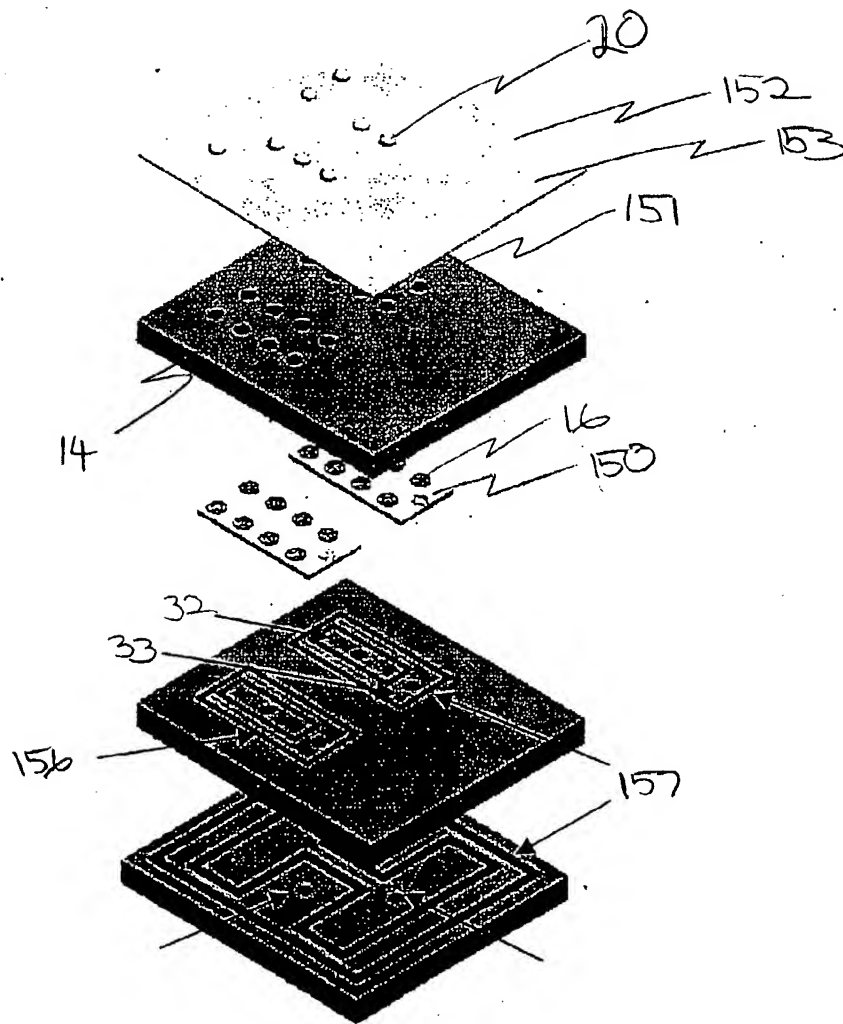


FIG-3

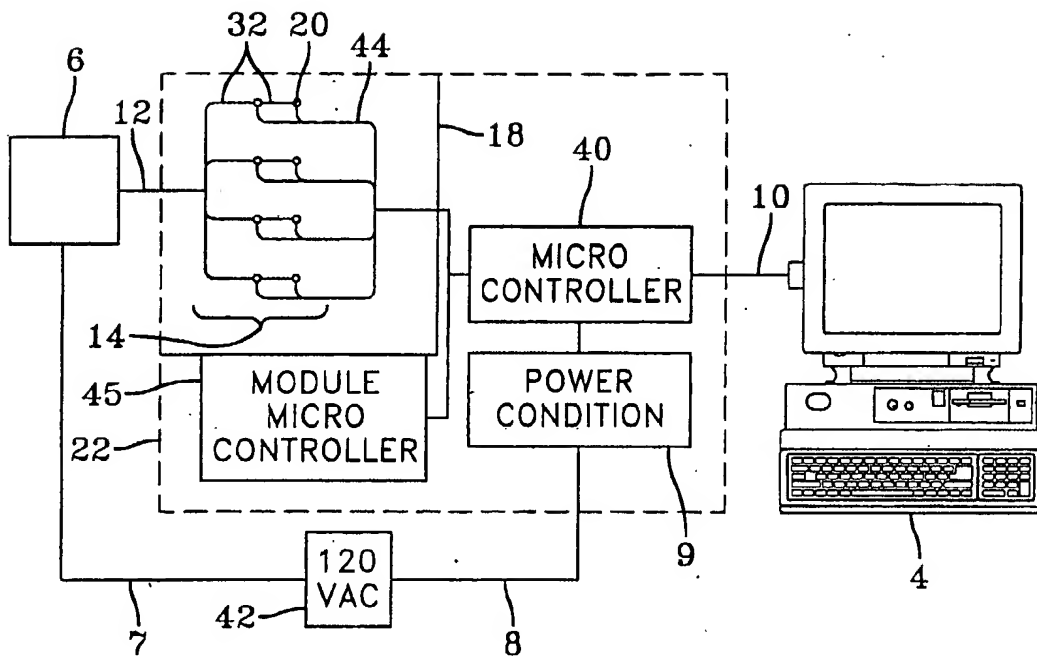


FIG-4

t <sub>1</sub>	t <sub>2</sub>	t <sub>3</sub>	t <sub>4</sub>
0	1	1	1
1	0	1	1
1	1	0	1
1	1	1	0

	COL 1	COL 2	COL 3	COL 4	COL 5
ROW 1	X				X
ROW 2		X		X	
ROW 3		X			X
ROW 4	X			X	

X BRAIL DOT  
EXTENDED

0 OPEN ELECTRODE  
VOLTAGE

1 CLOSED ELECTRODE  
VOLTAGE

t <sub>1</sub>	0	1	1	1	0
t <sub>2</sub>	1	0	1	0	1
t <sub>3</sub>	1	0	1	1	0
t <sub>4</sub>	0	1	1	0	1

FIG - 5

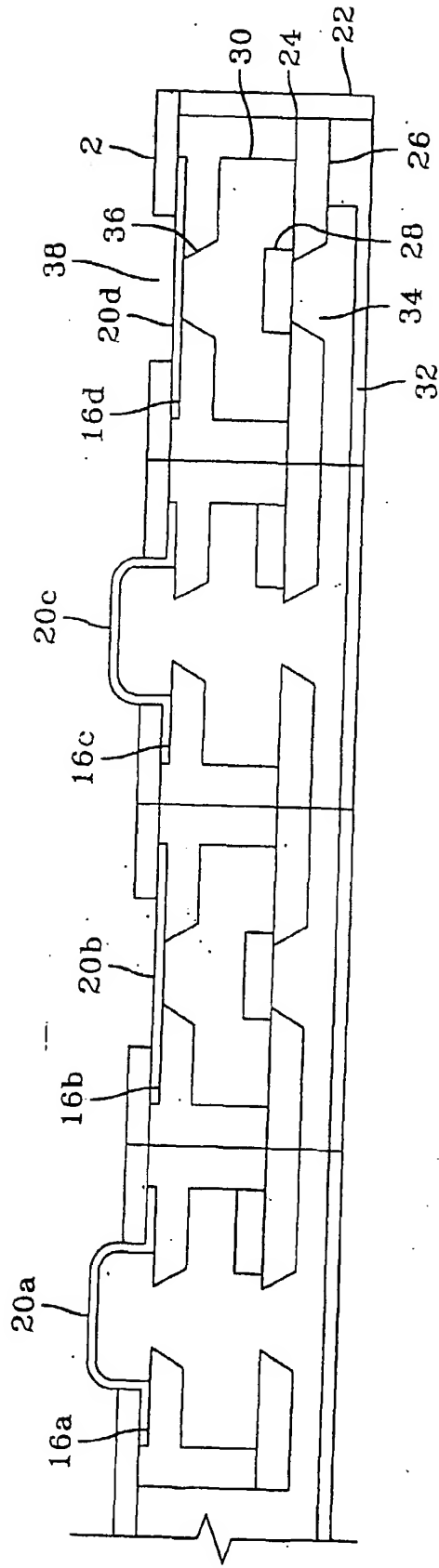


FIG-8

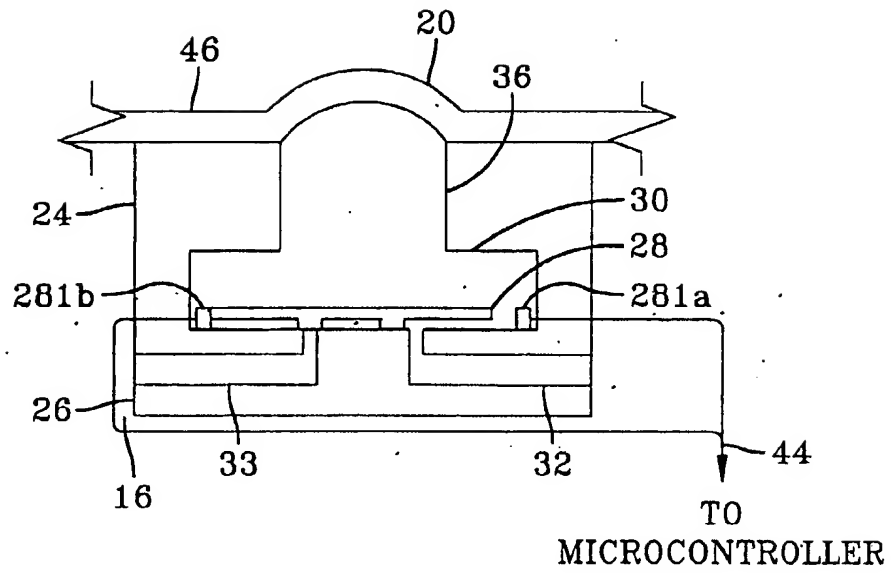


FIG-7A

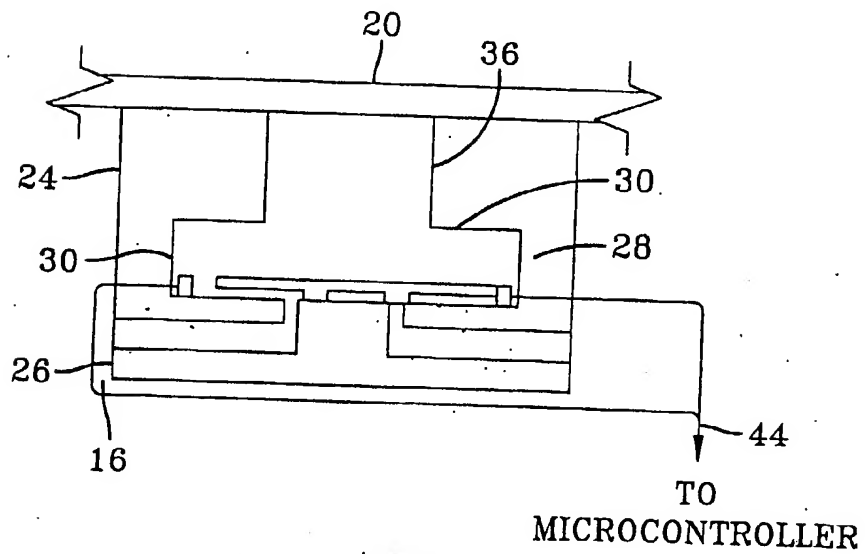
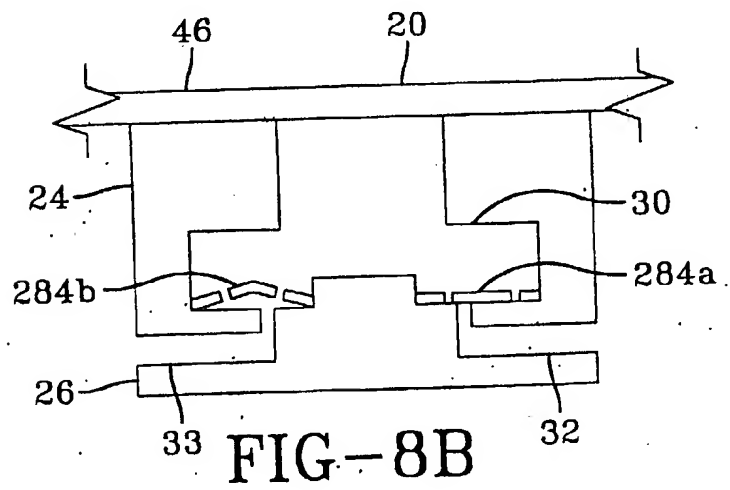
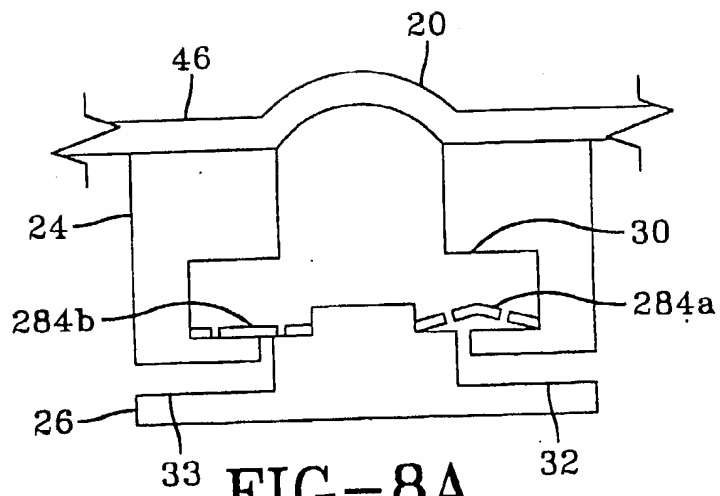


FIG-7B





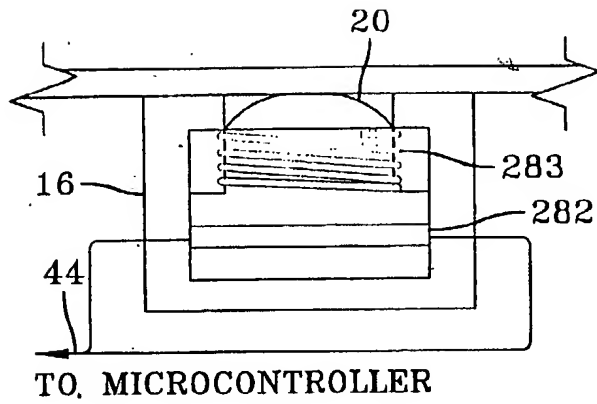


FIG-9A

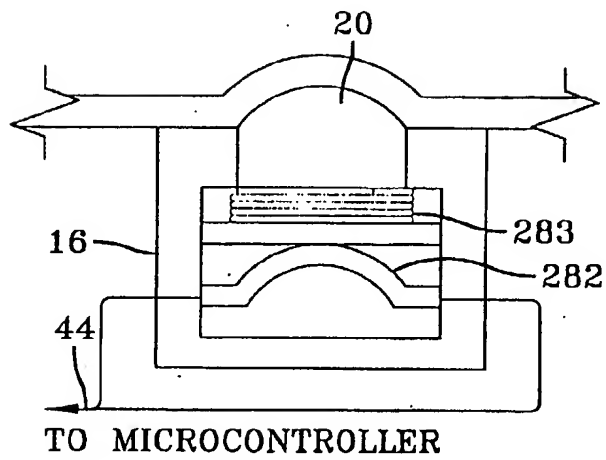


FIG-9B

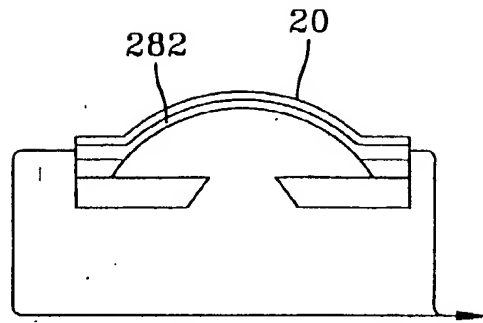


FIG-10A

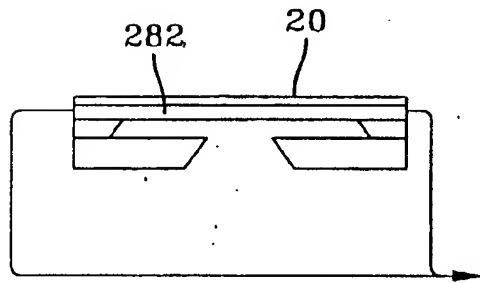


FIG-10B

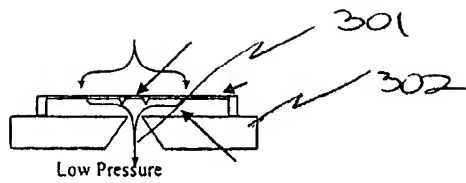


FIG - 11A

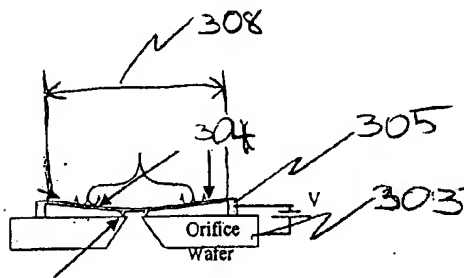


FIG-11B

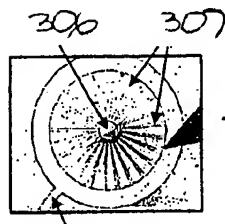


FIG - 11C

